

EXTRUDABLE FLUOROPOLYMER BLENDS

Abstract

Provided is a melt processable fluorothermoplastic composition comprising a major
5 amount of a first semi-crystalline fluorinated copolymer and a minor amount of a second
fluoropolymer effective to reduce melt defects in the composition. Each fluoropolymer is
selected from four classes. The first class, (a), includes a semi-crystalline perfluorinated
copolymer. The second class, (b), includes a fluoropolymer derived from interpolymers of units
of at least one essentially perfluorinated monomer and at least one non-fluorinated hydrogen-
10 containing monomer. The third class, (c), includes a fluoropolymer derived from
interpolymerized units of at least one partially-fluorinated monomer, and optionally at least one
essentially perfluorinated monomer. The second fluoropolymer is selected from a category
other than the category in which the first fluoropolymer is selected. The minor component also
can include interpolymers of a PAVE, and/or a PAOVE. A method of improving
15 surface properties in a fluoropolymer extrudate is also provided.